

CAFETERIA PLAN GAINS IN FAVOR

Plan for Feeding Stock Is Being Used on Many Farms in Corn Belt and Elsewhere.

'HOGGING DOWN' SAVES LABOR

Keeps Hogs in Good Condition, Distributes Manure Uniformly and Provides for a Simple Rotation of Crops.

Prepared by the United States Department of Agriculture.

Thirty or forty years ago some shrewd farmers fell into the habit of letting their hogs run in the cornfield in September and October and allowing them to eat ears and stalks until all that remained could be plowed under.

Some also turned hogs into the rye in the spring and let them range on the tender and succulent stalks until they became too woody to be palatable. This process was termed "hogging down."

Labor Shortage Changes Methods.

Then came a crusade for "clean farming"—typified by harvesting and shocking the corn stalks, husking the yellow ears and piling them into the cribs, later to be fed to the same hogs. "Hogging down" was deemed to be shiftless evasion of honest toil. The "hogging down" farmers fell into disfavor and dropped the practice to a large extent.

Meantime, the labor market was tightening, and a day's work came to be regarded not so much as something to be gotten out of the farmer or his sons or a hired man, but as a period to be paid for in money that could be used for other purposes.

The United States Department of Agriculture and some of the experiment stations in corn states have of late years given careful attention to the possibilities of feeding stock on the cafeteria plan. Today it is in use on hundreds of cornbelt farms and in many other localities in all parts of the country where corn is grown.

Hogging down corn saves labor, while causing no more waste than when the corn is harvested and hand fed. Properly managed, it keeps the hogs in better condition and adds weight more rapidly. It distributes manure uniformly. It leaves the ground in fair condition for the next crop, and it fits in with a rotation system admirably adapted to build up a run-down farm.

A Good Five-Year Rotation.

A system that is widely used calls for fencing the farm into five parts—six if you wish to retain a permanent pasture. Corn is planted in the first



Hogging Down Corn Saves Labor Without Undue Waste.

section and as soon as the kernels have become hard the hogs are turned in. As they have been on other feed, it will take a week or ten days' feeding to get them entirely on a corn diet. In the corn-belt latitude they may be expected to live entirely in the cornfield from about September 10 until the crop is consumed. It is generally found best not to permit the hogs range of the entire field, but to effect temporary fences. These can easily be built of 25-inch wide wire mesh, fastened to anchor posts at the ends and tied to cornstalks instead of line posts. If a supplemental crop such as rape, cowpeas, soy beans, or even pumpkins, has been sowed among the corn, it will provide protein feed which the corn lacks.

The following spring the stalks and trash that remain on the surface of the field are cut over with a sharp disk and the ground prepared for a second crop of corn, which is harvested by hand, while the corn for "hogging down" is planted in the second tract.

The rye is used for hog pasture from early spring until the stalks become too hard. It will be found valuable pasture for brood sows with young pigs. After the pigs cease to consume the rye they are taken out and not returned until after the grain becomes ripe, when they are allowed to consume the entire crop and graze on the young clover until time to turn them into the corn in September.

The clover and timothy come on the next year and are used for hog pasture and the best parts kept for hay for other stock. The fifth year the timothy and clover crop is cut for hay and the sod turned under late in the fall to prepare the ground for the next year's "hogging down" crop of corn.

Hunger, the Best Sauce
Sauce is used to create an appetite or relish for the food. The right way is to look to your digestion. When you have good digestion you are certain to relish your food. Chamberlain's Tablets improve the digestion, create a healthy appetite and cause a gentle movement of the bowels.—Advt.

Job printing orders carefully and promptly executed at The Dispatch office.

Thirty-nine minor planets were discovered last year.

DOCTORS STUDY SPEECH DEFECTS

United States Public Health Service Takes Up Problem.

FINDINGS IN U. S. HOSPITAL

Investigations of War Neurosis Throw Much Light on Stuttering and Other Disorders of Speech—Dr. Blanton Tells American Medical Association Treatment Should Not Be Left to Quacks and Charlatans—Makes Study of School Children.

Along with its other activities for the benefit of ex-service men who were obliged to have hospital care and treatment following their return from France, the United States government, through its public health service, has been studying speech defects and treating the former soldiers afflicted with them. Speech defects developed in a fairly large number as the result of the exigencies of war.

What has been done in work along this line was explained at the annual meeting of the American Medical Association by Dr. Smiley Blanton, associate professor of speech hygiene, and associate in neuropsychiatry at the University of Wisconsin Medical school, and attending specialist at the speech clinic of the United States public health service. Dr. Blanton's paper appears in full in The Journal of the American Medical Association.

The experience gained by those who have been studying the matters of speech are due to the lack of ability to adapt emotionally to social situations, or to a faulty motor mechanism, either hereditary or acquired. Also, that the most worthwhile results which are obtained at present are those which aim at the underlying cause and general hygiene and muscle training; and that training aimed at the alleviation of the symptom alone is pernicious because it obscures the cause and in hysterical cases actually "sets" the disorder.

The physicians feel that this problem, for so many years left in the hands of quacks and charlatans and untrained people, is most distinctly a medical problem, and that neuropsychiatric training is necessary for the diagnosis and treatment of these patients. Dr. Blanton strongly urged the necessity for training medical students in the value of speech disorders as a significant symptom.

Dr. Blanton began his paper by calling attention to the fact that at birth the speech area has not yet been demonstrated in the brain, and therefore the development of speech is not inevitable. An intact auditory apparatus, the presence of intelligence, and an intact nervous and muscular system are required for its proper development, plus certain emotional and social demands and situations under the stimulus of which it is organized.

Speech Disorders Form a Key.
Speech disorders, then, are early and invaluable symptoms of anomalies of intellect and emotional growth as well as organic difficulties of the nervous system, he says.

"I shall not touch on the organic aphasias, but shall confine the discussion to the four tentative groups," said Dr. Blanton: "(1) delayed speech; (2) letter substitution; (3) oral inactivities of the articulatory organs; (4) stuttering, which includes the disorder of stammering. These disorders should be regarded as symptom complexes rather than as disease entities. These types are rarely simple and clear cut."

The physician defined each of these defects and told at length how they were occasioned, so far as is known. Then he continued:

"Much light has been thrown on the problem of stuttering by the study of the war neurosis cases. At Base hospital, No. 117, which was a receiving hospital near the front, probably 50 per cent of the men had some sort of disturbance of the speech, or a break in the rhythm, or of the type of speech which Roussy and Lhermitte called 'nigger-boy' speech, and which we classify as oral inactivity."

"We have had opportunity of making intensive study of the postwar neurosis cases suffering from speech disorders at the speech clinic of the United States Public Health Service hospital, No. 37, organized at the request of Dr. Lawrence Kolb, director of the hospital, in January, 1920. Fifty-two cases have passed through this clinic. Statistics were gathered from 40 of these cases in which intensive studies have been made."

"Before concluding that most of the soldier speech cases were caused by psychoneurotic mechanisms, a complete study of the physical condition was made, as well as psychologic tests for intelligence and mental imagery."

"The patients in the clinic, besides having the benefit of the general staff of the hospital, are given individual training by the speech clinic staff. Only a small part of the treatment deals with the speech per se, but concerns itself with general muscle training and emotional adjustment."

Many Suffering From Hysteria.

"The sending of these cases to the neuropsychiatric hospital was justified by the classification and diagnosis of the conditions under which the patients were laboring. Fifty-seven and five-tenths were found to be suffering from hysteria, 5 per cent neurasthenic, 80 per cent were cases of anxiety neurosis, 2.5 per cent were suffering from marked psychopathic states and 2.5 per cent had marked hyperthyroid conditions. With such a diagnosis, the utility of sending these men for treatment in the so-called 'stuttering schools' or by elocutionists or phonologists becomes apparent."

"Some writers have maintained that the neurotic and other troubles were caused by the stuttering and not the cause of the stuttering. This we feel to be a fallacy, owing to several factors which I will present. Since the war stuttering has been studied, the fact has been brought out that the

same type or temperament was present before the stuttering and the hereditary factors are virtually the same in those individuals who stuttered, but who never experienced war, and in those who stuttered owing to strain in service, but who saw no active service under fire at the front, and in those who stuttered previous to service, but relapsed under the strain, and in those who did not stutter previous to experience under shell-fire and in fighting.

"In the comparison of 40 soldiers with 200 school children from one to eighteen years old interesting facts are brought to light. A comparison of the personality showed that 13 per cent of the children and 9 per cent of the soldiers were classed as showing no marked variation; 52 per cent of the children showed marked inferiority feelings, showing themselves either in timidity or in overcompensations by extreme boldness; 54 per cent of the soldiers came in this class; 35 per cent of the children and 24 per cent of the soldiers were markedly moody, either of the temper, sulky, depression or of the hypomanic (moderate mania) types. In addition, 5 per cent of the soldiers were apathetic and dull; none of the children were so classed. Whether this is a true variation or a mistake in classification in the group of school children would probably be demonstrated in a study of a larger group."

"A study of the variation shown in the symptoms of stuttering itself is indicative of its functional etiology. Of the children, 22 were worse at school than at home; two were worse in town than in the country, one was worse on vacation, 16 were given to complete remission in stuttering, one stutters only in school, one stutters while at play, one never stutters with members of his own sex, one gets worse at intervals of three or four days, one is worse after an operation for adenoids and tonsils (undertaken to cure the stutter), one stuttered for three weeks only, and so on, with such variations for virtually the entire group."

Some Lost Their Speech.
"Among the soldiers six began to stutter with service at the front (five of these began with aphonia—loss of speech); seven were stutterers who relapsed with service at the front; one who had stuttered severely had a complete remission while at the front, until he got up into Germany and became homesick; six who had stuttered previously relapsed with service in this country (such as a fight, a runaway horse and a close shave with an explosion); one relapsed with the draft and one relapsed with influenza. Many of these men have trouble at the telephone, although they do not have any trouble if the receiver is closed, but begin to stutter immediately when it is opened. . . .

"Another factor which contributes to our belief that there is an underlying weakness of the motor system is the relatively high percentage of stutterers who have been changed from left to right-handedness. Ballard says that the generally conceded percentage of left-handed people in the population is about 3 per cent. In the 200 school children we found 12.5 per cent who were left-handed, 11.5 per cent of whom were changed for writing; and among the soldiers 17.5 per cent, all of whom were changed for writing."

"There is also the problem of hereditary tendency. There seems to be a marked disposition in the families of these individuals toward defects of speech—not only of stuttering, but also the other defects. In the families of 72.5 per cent of these cases there were defects of speech. In 52 per cent of the families there was stuttering, and in 22 per cent there were both stuttering and other defects. That this is not primarily a problem of imitation or faulty learning is shown by the fact that many of these patients had never seen the person so affected; for example, the grandparent stuttered, but died before the child was born, etc. . . .

"There is very little relationship between poor health and the severity of stuttering, but an exact and surprising correlation between social adaptation and the severity of the symptom. "The treatment and re-education of stutterers is in a chaotic condition generally, the work where it includes drill on particular letter position being actually pernicious, and accomplishing results only where the personality of the worker instills courage or sustains the patient. Treatment is usually aimed at the symptom itself, and where relief is given to that the underlying temperamental disability is left untouched."

"That results can be had with these patients when the treatment is directed toward general muscle training, plus the adjustment of the individual to his environment, we feel to be shown by the work of Miss Pauline Camp in Grand Rapids, Mich., who was able to dismiss 43 per cent of her cases as arrested, and of my own clinic at United States hospital, No. 37, where 89 per cent were arrested, 17 per cent greatly improved, and 25 per cent still under treatment."

Eloquence.
"You don't display your old-time eloquence in public."

"Not in public," admitted Senator Sorghum, "but you ought to hear me in my office when I'm explaining to a group of influential constituents why I haven't been able to carry out some of their ideas."

Not Receiving.
The Maid—It's the doctor, ma'am. You sent for him, you know.

Mrs. Verivane—I know I did, but my eyes are watery, my nose is red, my lips are blistered and I look too much of a fright to have him see me. Tell him I'm not at home.

Well Fixed.
"Ferdie seems to be making better progress with the girl he is courting. Now has the field to himself."

"Yes, he gave her a dog that will bite anybody he doesn't know. And the dog doesn't know anybody in this town but Ferdie."

Coal bills are a large part of your living expense—reduce them by using Cole's Hot Blast Heaters.

Why It Fell.
The tower of Babel insecure
Was from the start unlawful
Materials were very poor
And the building graft was awful.

The Real Titheholder.
Stork Father—See here, young man; who do you think is boss around here—you or me?

The Young Miscreant—S-h-h, pa; mother is just in the next room—Judge.

For quick action—Dispatch Classified Advertising.



Pelite Prediction.
"Didn't you tell me I was going to get that appointment?" inquired the constituent.

"I believe I did," replied Senator Sorghum.

"You haven't yet kept your promise."

"My friend, I didn't mean it as a promise. It was only an optimistic prophecy."

Going Too Far.
"I was sorry to see that you fell asleep during Professor Diggs' lecture."

"So I did," replied Mr. Dubwaite.

"Couldn't you follow him?"

"I followed him back to Babylon, but when he said, 'We will now jump back 50,000 years,' I couldn't negotiate the distance."—Birmingham Age-Herald.

Womanly Forealt.
"Maud wouldn't say a word to the reporter about her case unless he'd promise to print her picture."

"Vanity, I suppose."

"No; business. She says that in her previous divorce case her photograph got her a new husband almost immediately."

Superior Force.
Professor (in mechanics)—What is a couple?

Student—Two equal parallel forces acting in the same direction.

Professor—But if they act in opposite directions?

Student—That's a divorce case—Judge.

A Rare Sight.
"How did you enjoy your visit in Plunkville?"

"Very well. My little boy had a chance to see something he may never witness again."

"And what was that?"

"A parade of horse-drawn vehicles."

Like Amateur Farmers.
Ezra (with newspaper)—Says here, "fine-edged tools lose their temper if exposed to the light of the sun for a considerable length of time."

Uriah—S'pose that's on account of them bein' mostly city-made, hey?—Buffalo Express.

IT'S AN ILL WIND, ETC.
"I'm rather surprised that Mrs. P. could get those swell society folks to attend her dinners."

"Well, the high cost of living helped to overcome scruples, I suppose."

A Tale With a Point.
You never heard the bee complain,
Nor hear it weep or wail;
But if it wish it can unfold
A very painful tale.

Rechristening.
"My resolution is again in course of revision," complained the eminent legislator.

"It has been amended so often," replied Senator Sorghum, "that I shouldn't call it a resolution. It's an irresolution."

Perfectly Serious.
"Are you serious in your attention to Miss Doherty?"

"I am. Her father did me out of \$10,000 in a stock deal last month, and I'll get it back if I have to marry the entire family."—Boston Transcript.

Sweet Ignorance.
Butcher—Will you have the chicken drawn, madam?

Mrs. Youngbride—Drawn? Oh, yes, please, and I'll show the picture of it to my husband.

Between Girls.
"Where is Cholly?"

"On a business trip to California. I hope he won't make love to any of those western girls."

"Why so? Any practice he gets will be helpful when he returns."

OR HE WOULDN'T HAVE PLUNGED
Wife: At least you were sensible on your wedding day.

Hubby: On the contrary I was insensible.

Why It Fell.
The tower of Babel insecure
Was from the start unlawful
Materials were very poor
And the building graft was awful.

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Stork Father—See here, young man; who do you think is boss around here—you or me?

The Young Miscreant—S-h-h, pa; mother is just in the next room—Judge.

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of combustion burns the fuel gases that other makes of ranges waste. This means a clean sweep of hot flame under all six lids and all around the oven. This insures quick even baking and cooking on the entire range top. This range is designed with so much thought for convenience, comfort and economy of time that you will find the day's cooking or baking done as though by magic. This range has full enamel, rust resisting linings. This insures a long life and perfect satisfaction. We have a limited supply in stock so see us immediately.

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LEGAL NOTICE

Harry Harris, whose residence is unknown, is hereby notified that Mabel L. Harris has filed her petition against him for divorce and change of name in case number 46472 of the Common Pleas Court of Mahoning county, Ohio, and that said case will be for hearing on or after November 5, 1921.

22-6 MABEL PALM HARRIS.

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Notaries Public

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